

Abstract:

A method is described for sending frames of data from at least two sending nodes via one or more forwarding nodes to one receiving node in an ATM network. Each frame of data is partitioned into cells and includes a VPI field and a VCI field. The sending nodes include a first label into the VPI field of each of the cells representing an identification of the routing of the cell. Furthermore, the sending nodes include a second label into the VCI field of each of the cells representing an identification of the source of the cell. The forwarding node swaps the first and the second label according to a swapping table. With respect to the second label, the forwarding node enters the swapping table in the column of the output labels and reads the corresponding input label.